Continued from page 15

### PUBLIC NOTICE

### YORKSHIRE WATER AUTHORITY SALMON AND FRESHWATER FISHERIES BYELAWS

WHEREAS under the Salman and Freshwater Fisheries Act 1975 the WHEREAS under the Sateron and Freshwater Febrelies Act 1975 the Yeshalite Water Authority has made hydraws which amond and supplement these treated on 1967 and 1974 for reducing the annual close season for non-migratory thout troit and time fishingly revising the trially number of fish which may be taken every requiring the return of foul-hooked that to the same water, making relationments for the netting of eats and revising shore for the netting of eats and revising shore for the netting of eatherm and nityratory trout; re-defining the prohibited area of temphasine for Strunchwardill Lock; revoking the close season dispensation for Alfittlight Lagoons. Horbury, and confirming the dispensation for firm destruction Ponds; revoking the special restrictions on the use of lures and beats in the front fall and its tribustales; and from 1st January 1978 requiring keep onts and landing nets for freshwater fish, to be knotless, and specifying dimensions in relation to keep nots.

NOTICE is nereby given that the authority intends not partier then one month after the publication of this notice to apply to the Minister of Agriculture,

after the publication of this notice to apply to the Minister of Agriculture, fishering and Food for the confirmation of those hydrawa. A copy of the byelewa is deposited at the Authority's office, West Riding House, 07 Altikon Street, Leads, where it may be inspected without change during office hours. A copy will be furnished without charge to any applicant at that address, telephone Leads 448201, ext. 286. Within one month from the publication of this notice any person may object to the confirmation of the state of the Sections. Minister of Agriculture Lyplaye by letter addressed to the Secretary, Ministry of Agriculture. Fisheries and Food, Fisheries 18 Room 249, Great Westminster House, Horsefory Road, London SWIP 2AH. It is requested that a copy be sent to A. B. BALDWIN

West Raling House 67 Albien Street, Leouis LS1 5AA

DELMAR ENGINEERING would like to inform their customers of their change of address to 20 Church road, Selsey. Wost Sussex. Telephone: Selsey 5123.

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WANTED, 12 volt radar sma capsion put hauter cased baraging Gimbal chromometer preferably working although anything requiring attention causiclored. Price, fulles particulars, Box No. 255. EYLES MARINE SERVICE for deliveries of all vessels up to 500 tons. Telephone 0243 58 459.

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44 - 46 48 - 50

Following an announcement of the Dutch Ministry of Fisheries the sale of Dutch fishing vessels abroad will shortly be promoted again by the re-introduction of export premiums, which were granted Dutch owners in 1975 and earlier this year.

In the past six months seven out of eight British skippers purchased their boats through this office and took advantage of the favourable export regulations, amongst whom: Mr. David Becconsall & Partners, Brixham,

"Jacomina" "Pietje Antje" "Pescado" Mr. Robert Viney, Plymouth
Mr. Henry Goldsmith, Isle of Man Mr. Alan Gregeen (Bounty Ltd)., Isle of Man

"Mathilde" Mr. Bill Haves & Partners, Portsmouth "Zuiderzee" Mr. Peter Woolland & Partners, Brixham "Margaretha Maria" Mr. Harry Jones & Partner, Hoylake

"Sara Maria" Grant Broad Ltd., Isle of Man

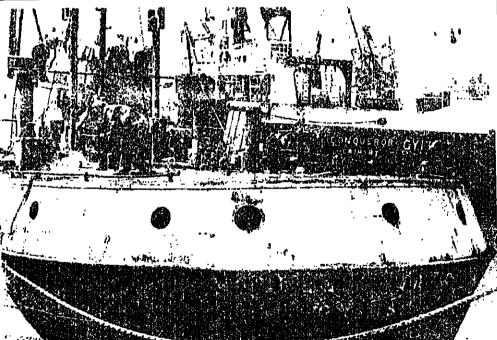
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Inspections arranged without obligation and without deposit Responsible for 85 per cent of the sales from Holland to the United Kingdom in the first six months of 1976.

Where confidence counts



# Clearing the deck tor a

£.

700

arguments over the years

catcher, is progressing.

Lost week the boat deck aft working deck above the first zulu was named working deck above the fishroons. In addition, a retired number of modifications are being carried out to the old need working carried out to the old need working deck aft.

He says the vessel was named Nonesuch to first zulu was named Nonesuch to go ahead very and the first zulu was named Nonesuch to go ahead very and the first zulu was named Nonesuch to go ahead very and the first zulu was named Nonesuch to go ahead very and the first owner was a William Campbell from the first owner was a William Campbell from the said at a meeting of Whitby fish market william yeard of Alexander Wood, Branderburgh.

It was named Nonesuch to first zulu was named Nonesuch to go ahead very and the first owner was a William Campbell from that the first owner was a William Campbell from the said at a meeting of Whitby harbour committee.

He says the vessel was named Nonesuch to go ahead very and the scheme is to go ahead very and we hope to go ahead very and the scheme is to harbour committee.

He says the vessel was named Nonesuch to first zulu.

But then, in an article in the Third Statistical Account of Scotland, Moray and Nairn section, a paragraph was a William Campbell from that the first owner was a William Campbell from the Ministry to give us sanction of the wood. The boat appeared the register at Inverness it is appeared that the first owner was a William Campbell from the Ministry to give us sanction of the wood. Its built by his grandfather who built the dividing yard of Alexander will builting yard of Alexander will builting yard of Alexander wood. Its builting yard of Alexander wood. Its builting yard of Alexander will builting yard of Alexander will builting yard of Alexander wood. Its builting yard of Alexander will builting yar

Workmen clearing the boat deck on Real Madrid, and making other alterations, in preparation for a net drum

# THE 142-ton Danish have to go up on a Grimsby big fleets of Danes and

STIMS DV FORES I

THE 142-ton Danisk industrial trawler Birch (E 515) made an enforced landing of sandeels at Grimsby last week.

Norwegians have caugu, as slipway.

So far this summer landing of down on previous years, due mainly to a boycott of the fishery by local vessels.

Skipper-owner Christenson was forced to bring his four-year-old command into the south Humber

quality sandcels. A diver was ment plant. able to remove the tangled

propeller on the grounds.

After limping into this year has had to rely on Grimsby, Birch discharged just over 60 tons of good Birch, for any tomage for the

Normally there would be a steady flow of foreigners harding, but fishing has been very spotty and, what fish the Birch discharges her sandsels.



# Pressure wins THE conversion of the former Grimsby distant water trawler Real Modrid to a near water industrial vessel, or mackerel catcher, is progressing. Last week the boat deck Now George Wood of Last week from the building yard of Alexander Wood, Branderburgh.' But then, in an article in the Wood, Branderburgh.' It was named Nonesuch Now George Wood of Last week from the building yard of Alexander Wood, Branderburgh.' Now George Wood of Last week from the building yard of Alexander Wood, Branderburgh.' Now George Wood of Last week from the building yard of Alexander Wood, Branderburgh.' Now George Wood of Last week from the building yard of Alexander Wood, Branderburgh.' Now George Wood of Last week from the building yard of Alexander Wood, Branderburgh.' Now George Wood of Last week from the building yard of Alexander Wood, Branderburgh.' Now George Wood of Last week from the building yard of Alexander Wood, Branderburgh.' Now George Wood of Last week from the building yard of Alexander Wood, Branderburgh.' Now George Wood of Last week from the building yar

being carried out to the old mess deck aft.

Real Madrid will be the first Crimsby distant water virsuel to try her luck at another type of fishing News, July 2). She is owned by Consolidated Fisheries.

He says the vessel was many doubt that it was war with the zulus.

"The first vessel of this type was built by W. Slater of the vessel was broken up in loss proval from the Ministry, but the stage where we are getting approval from the Ministry, but it is not appropriate to do this work during the season," he added.

"The first vessel of this type had been built by W. Slater of the vessel was broken up in loss proval from the Ministry, but it is not appropriate to do this work during the season," he added.

"The first vessel of this type had been built by W. Slater of the vessel was broken up in loss proval from the Ministry, but it is not appropriate to do this work during the season," he added.

"The curtains on the fish quay wers in the news recently and, prior to this being raised, we were asking for scheme.

Published by Arthur J. Heighway Publications Ltd., 110 Fleet Street, London, EC4. Printed by Derby Trader Newspaper Ltd., Heanor Gate Industrial Estate, Heanor, Derbyshire.

### Sales & Service RAINHAM TRADING **ESTATE** DOVERS CORNER, NEW ROAD, RAINHAM, ESSEX Tel: Rainharn 53355

balanced.

sideration."

matters.

The main fear of Scottish trawler companies in that they would lose their identity in a British organisation.

Floring at Marie

July 18, 1976

Est. 1913

# a 50-50 chance of the proposed merger between the Scottish Trawlers' Federation and the British

Trawlers' Federation going through. A decision is expected shortly. Following a meeting of the Aberdeen Fishing Vessel Owners' Association in Aberdeen last week, at which the merger was discussed, it was understood that the voting would be finely A meeting of the Scottish Trawlers' Federation is expected to take place today (Friday) and a decision could be taken. All STF secretary and chief-executive, Robert Allan, would say is: "The matter is under active con-

# Another stumbling block is the constitution of the BTF, which is based on individual company membership. Around 90 vessels are involved in Scotland, and it is felt that even if the marror felt that even if the merger does not take place, some Scottish trawler owners will still join the BTF. One of the advantages for the Scots is that it would give them a bigger voice in EEC matters.

matters.

Doeply dismayed and shocked by the line apparently adopted by the Government, the STF sent a strongly worded letter to the Government last wack and is ment last week and is landed on Tuesday.

demanding that our negotiators go back to Brussels and argue for nothing less than a UK exclusive limit of 50 miles found our whole constline.

In a statement issued on Thursday night last week, the federation appealed to everyone who has an interest of the scottish Fishermen's Office of the statemen's Organisation decided on the move so that landings could be adjusted. Surplus herring the port were told not to put to sea until further notice—whether they had caught their week's quota or not. Jim Lovie, chief executive of SFO, said that the fleet of about 40 boats had doubled over the weekend, completely upsetting the quota demanding that our

everyone who has an interest in the future well-being of our industry to exercise whatever just 14 miles from the port and there were problems with influence they may have to help us to achieve this goal."
The federation states that fishermen have been stated with the fishermen have been stated to be stated

ment is proposing in the to achieve a fine balance properly".

Current revision of the limits between supply and demand, Two boats diverted to with self-imposed landing Norway because of the build Turn to page two deing flooded with supplies. Fraserburgh.

fish and go after the herring. The Scottish Fishermen's But, because of the impact of herring landings, skippers

bumper catches of herring upsetting the quota just 14 miles from the port calculations. He added that some system of effective licensing is required if there is the package deal the Government is needed to the fishermen have been striving "regulating the fishing



BRITAIN LOOKS like getting EEC Callaghan emphasised that we backing for an extension of fishing would be looking for realistic exlimits to 200 an extension of fishing would be looking for realistic exlimits to 200-miles by early next clusive zones within a revised Comyear, Member countries are ex- mon Fisheries Policy.

Petted to follow Britain's lead after After urging the EEC to speed up prime Minister, James Callaghan, negotiation of fisheries agreements had called each of the country.

had called for a declaration of intent with Iceland and Norway, Mr. in Report of the Contract in Brussels on Monday.

Callaghan expressed concern at the Brussels on Monday.

Callaghan expressed concern at the Callaghan had contributed "massive activities of the Russian fleet, which love resources" to the EEC, in the is taking up to one-sixth of the catch form of the callaghan expressed concern at the Callaghan expressed concern at the Russian fleet, which is taking up to one-sixth of the catch form of the catch in Community waters. form of fish stocks, and Mr. in Community waters.

THE NEW 106ft. stern trawler Clarkwood (below) was undergoing fishing trials from Aberdeen this week. Built for the John Wood Group by the Goole Shipbuilding and Repairing Co. Ltd., Clarkwood is to be commanded by Skipper Stewart Thomson. On earlier trials off the Humber, Clarkwood was involved in a collision with a small Danish vessel and suffered minor damage on her starboard bow. Clarkwood is powered by a Mirriees Blackstone engine.

# Power where it's needed.

If you want to know something about Caterpillar power, ask the men who rely on it for their livellhood, and at times, even their very lives. Ask a man like Jim Slater, skipper of the fishing trawler "Aquila". Jim Slater's trawler is powered by a CAT D398 TA which develops 850 h.p. at 1225 r.p.m., and there's power to spare there! It's typical of the range of Caterpillar Diesel Engines which Caledonian have been selling in Scotland these past 25-years.

CAT is the follow-up after sales service which Caledonian supply for all Caterpiliar engines and equipment. Whether you're buying a new vessel or re-powering, ask Caledonian for details of Caterpillar Marine Diesel Engines, You can fit 85 h.p. to 1125 h.p. in the main to auxiliary range of engines.

good catches of 1,240, 884 and 1,174 kits, respectively.
Again there were big

catches of coley in this sec-tion, which have in the past proved rather difficult to

move in mid-summer. Bu they are now selling fairly

well and even the salters were

buying at above the

minimum.
The seiners had a number

Skipper Barry Emerson

of best-over grossings.

A FISHERIES research vessel going to sen is hardly an enthralling sight for a fisherman. Instead of being fired by the thought that it might be breaking through scientific boundaries which could bring new knowledge and rich rewards, fishermen usually regard the work of scientists as something abstract which has no real meaning for them.

regard the work of scientists as something abstract which has no real meaning for them.

This gap between the scientist and the fishing industry, has been clearly recognised in the Second Report of the Fisheries Research and Development Board, published this week. The basic problem, says the report, is that as far as goar research and development is concerned, the industry does not know what is going on and the laboratories do not know what the industry needs.

All sections of the industry advector the sections of the sections of the industry advector the sections of the sections of the industry advector the sections of the sections of

All sections of the industry, advocates the report, should be involved much more in all aspects of research and development, and more use should be made of WFA and HIB advisory panels on which the industry is represented to discuss new projects.

All this would no doubt help bring about a better understanding between the scientist and the industry understanding between the scientist and the industry he serves, but there still remains the problem of quick communication which has caused so much of the trouble in the past. Research projects which start off in a great blaze of publicity, usually go on so long before any information is passed on, that all the initial interest is lost. This is what has happened with the processing trials on blue whiting, — a topic of great mportance for the fishing industry.

Although the White Fish Authority has produced a field report on the trials, this now lies gathering dust at Torry Research Station, until somebody there decides that it is time the fishing industry should know something about what is going on.

Fisheries Research and Development Board, second report 1974-75, published by HMSO 85p.

# fishing news

Harry Barrett Assistant Editor: Ian Strutt Scottish Correspondent:

Advertisement Director: Fred Purssell

Managing Director:

Published weekly. Postal subscription rate £7.50 overseas Registered as a newspaper at the Post Office.

Important message to

**British fishermen** 

F. R. Kitchen Hydraulics Ltd. are now

servicing HYDRAULIK BRATTVAAG

Owners of vessels equipped with low pressure

hydraulic deck auxiliaries from A/S Hydraulik

Brallyaag of Norway, have been used to turn to

Humber St. Andrews Eng. Co. Ltd. in Hull for service and parts for their gear. Unfortunately,

for both our U.K. customers and us, this well established company have decided to withdraw

We regret, but respect their decision, and take this opportunity to thank them for a splendid job

through the years. However, F. R. Kitchen Hydraulics Ltd., Hull, have

taken over as our service representative to the fishermen of U.K. We know that they will perform:

deck auxiliaries in the U.K.

110 FLEET STREET,



The grossing is the highest at. Grimsby since Boston Comanchie earned £60,584 to take the port record in January, 1974.

Skipper Roy Kurz in

Skipper Roy Kurz in

Skipper Barry Emerson

Skipper Barry Emerson

BUT's 189-footer Vivaria well off the north-west coast, £42,199 from 2,245 kits and put in the top trip of the west

BUT's 189-footer Vivaria well off the north-west coast, £42,199 from 2,245 kits and put in the top trip of the west a big catch of 2,534 kits, mainly codstuffs, which was snapped up for £53,418.

Vivaria headed seven distant water Icelandic trips last week at Grimsby which all showed some profitability.

cod and no shortage of buyers. David Scott) on £37,600 from None of the Icelandic trips 1,953 kits.

None of the Icelandic trips 1,953 kits.

None of the Icelandic trips 1,953 kits.

Landings were again very the days by Lochearn.

Skipper Emerson's daily average of £926 is a new record for owners and agents.

Tom Sleight (E. C.)

showed some profitability; the first time since the recent settlement with Iceland.
With the trawlers fishing



Skipper Barry Emerson of

position mix-up THE four-man crew of the Golden Star stating that she Scottish boat Janie Girl had been fishing with Janie sunk without trace and the (BA170) spent over two Girl south-east of Douglas, not south-west.

Their 24-ton vessel had sunk without trace and the men were brought into Douglas unhurt. hours in the vessel's not south-west. Douglas unhurt. liferaft last Friday after. Fortunately, the tanker The cause of the sinking

Vivaria heads in with her £53,418 jackpot.

noon when the 25-ton Dingle Bank and the German was still not clear earlier this boat capsized and sank ship Ludwigshaven were week and a spokesman for the about 20 miles off nearby and the former quick. Manx Harbour Board said: Douglas, Isle of Man. Several ships and a

found nothing in the area

and, some time after the dis-

tress signals stopped, s

crew members aboard.

ly located the liferaft and "It may well be the subjected took the skipper and three an inquiry. We just don't

## helicopter from Anglesey mounted a search after a Tay base for 'zulu' Mayday call was sent from the sinking boat. The infor-mation was that she was sinking about 20 miles south-west of Douglas Head.

to renovate her ran out of steam. Over £200 was spent on stopping the rot in the boat by a group of local enthusiasts.

Research fished her last herring in 1967, and since then has been laid up at Lerwick's west

THE LAST zulu herring drifter in Shetland is to end her days on the River Tay after local efforts son and others of Broughty Ferry, who plan to

Lerwick enthusiasts think it is a pity she cannot stay in Shetland, but they are pleased she is

# But the would-be rescuers

protests against the sold down the river, and Government's fishing we insist the future of all limit proposals and sent a British inshore fishermes strongly-worded letter to is safeguarded."

strongly-worded letter to the Department of Agriculture and Fisheries for Scotland.

Said association secretary, George Hunter: "While we welcome the idea of a 50-mile limit on the east side of Shetland, this is not is safeguarded."

The ex-skipper also useries whether queries whether are seeping in the Shetland area are keeping to the quotas. He said: "There are \$b Norwegian purse-netters fishing for herring out." of Shetland, this is not side the 12-mile lim

from Eshaness to Fouls. "We object to a 12-mile We believe Norway has limit on the west side, and want a 80-mile is a side with the west and the west the west as the want a side with the west and the west the west the west as the west the west as want a 50-mile line all the catch, and we suggest the way around Shetland and NEAFC rules are not be right down the west coast ing observed."

In particular they are fishing from non-HEC veices fishing from non-HEC veices fishing from non-HEC representation of displaced from other fishing valuable fishing grounds from south-west of Shetland extending down the Scottish way.

without doubt attract an even

The federation states the it is "appalled at the Government's inability in Government's inablity of pursue a very much men vigorous line in these vigorous line in order is negotiations in order is achieve the fair deals whith the legitimate right of its fishermen.

# MILFORD Sail and oar law St. Leger SPRAT LOSSES Sail and Oar law St. Leger SPRAT

trawler fleet had its worst spell in months last

Jadestar Gipsy had only 71 kits which made £1,751 — both of which represent losses on their voyages. Also landing was the pocket trawler Westerdale which made £2,351 from 74 kits.

Kerrier magistrates' court on Friday.

The Peterhead-registered Amethyst was plotted from the patrol boat Polaris. The cases against five other Scots boats were adjourned until October by the court

# Fog air-lift from Ajax

AN accident on board the Lossiemouth seine-netter James Forbes Buchan Aiax while she was about 70 William Noble Walker; John Alexander Buchan; and Robertson Buchan, all from Peterhead, pleaded guilty. miles off the Norwegian coast last week led to crewman, James Campbell, being air-They admitted using a trawl in fishing for sea fish lifted to Stavanger.

October by the court.

Chairman of the bench

fishing rights. He felt the

Four owners of Amethyst:

while the vessel was propelled

for the time being otherwise

than by sails or oars.
Mr. J. Whiting, prosecuting

for the Cornwall Sea

prohibition applied to vessels

The bye-law protected the limited area of smooth sea around the Cornish coast

from being denuded of fish by bigger boats. In mid-waters, it

protected surface feeding

Cornwall's chief fishery of

over 30 tons net or 60ft.

to safeguard Cornish

Aberdeen coastguards were alerted and they contacted the rescue service at because of fog.

CHARLES Meek, chairman of the White Fish work in sheltered waters and Authority, said last week that vessel owners are Mr. Whiting said the unable to plan building trawler had been inside the programmes until the three-mile limit and had Government settles the broken a bye-law made in fishing limits question. 1949.

Mr. Meek, on a two-day visit to Grimsby to meet ficer, Broundand S. Tonkin, representatives of the fishing and frozen food industries, said he partly blames the present lack of investment on increased costs, but stressed the main cause for the uncertainty is that no cause for the uncertainty is not the formal of the food of ty is that no one knows what from land.
the British share of EEC Mr. Tonkin boarded

sensible conservation around

fishermen alleged that the in-formation had not been pass-

# Limits lunger

"EVERY agency, MP, island authority, trade union and the general public should raise their voices in public and back the demands of fishermen for a 100-mile limit."

This was stated last meet.

Scotland is excluded from the 50-mile limit, it proves what has been said on many occasions that we can no longer rely on the British Government to look after the people of these islands."

"It seems to us to be sheer."

This was stated last week by Peter MacLeod, secretary of the Lewis Council of Social service. If the Government limit, the Western Isles should boycott all foreign and supplies, he said.

Speaking on behalf of the council, Mr. MacLeod said:

This was stated last week of these islands."

"It seems to us to be shear lunacy to have a Government agency auch as the Highlands and Islands Development Board putting public money into an industry, while the and supplies, he said.

Speaking on behalf of the dustry depends."

"We must be resolute in our action. The time for diplomacy is over."



Included in the party visiting Norway were chief executive of the Scottish ishermen's Organisation. James Lovie, and the Anglo-Scottish Fish Producers' Organisation executive,

Donald Loudon. Ex-skipper Lovie said there were questions of grading, quality-control and price to be worked out, but the prospects "looked good".

# Dichlorodifluoromethane. For a better class of shrimp, it's the only way to travel.

Dichlorodifluoromethane. ronounced Freon\*, now with full UK approval, is a specially purified grade of liquid Freon Freezant (LFF) which makes possible IQF treatment of sensitive, delicate products like shrimps which present uncommon freezing difficulties owing to their fragile or sticky nature.

The possibilities inherent in this breakthrough are skilfully exploited in the freezer know-how behind the design of Frigoscan-

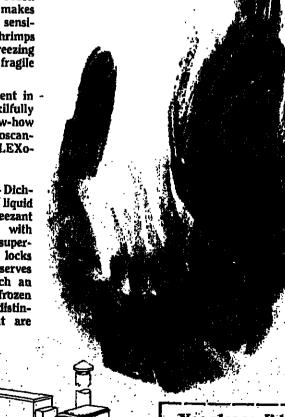
waters is going to be.

He felt our EEC partners should be reminded that Britain already controls most of the important fishing grounds within Common Market fishing waters.

He wants to see Britain "making the rules", so we can control catches and enforce sensible conservation around. fast freezing process that locks in natural juices and preserves texture and flavour to such an extent that many Freon frozen products are virtually indistinguishable from those that are

FRIGOSCANDIA

Frigoscandia Lid., Scania House, Hoddesdon, Heris. ENLL, STT, Tel: Hoddesdon 67131. Telex: 22835



Low Cost FLEXoFREEZE-The evaporated freezant is continuously condensed and recycled. Up to 99% recovery enables freezing costs to be reduced to about half those of cryogenic freezing meth-

Gentle FLEXoFREEZE -Offers a pre-freeze system for fragile shapes and surface coatings - breaded uncooked shrimps and raw fish fillets for example.

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Dichlorodifluoromethane and FLEXoFREEZE are a great combination - another breakthrough in IQF technology that can help you improve your product and save money at the same time. for full information. With FLEXoFREEZE soft foods don't find freezing a shattering experience.

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Position						
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to the best of their ability to give you quick and competent service, beeing specialists on all sorts of hydraulic equipment So, take care to note their address: F. R. Kitchen Hydraulics Ltd.,

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south-west of Shetland extending down the Scottish west coast being protected by only a 12-mile limit.

The federation points out that these grounds, already under severe pressure from foreign fishing effort, will

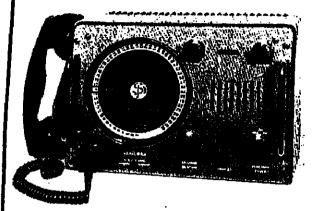
Fleetwood crew.

Mk.21 Navigator, a radar, Robertson autopilot and

Through a subsidiary com-

vessel is now prawning from

# SALLOR marine radio equipment



## SAILOR 55 **CHANNEL VHF**

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has been abandoned. A specially-designed hollow sea wall was to have been built from the north arm of St. Peter Port harbour to the south arm of St. Sampson's harbour. A fishing harbour was planned for part of the 330-acre area reclaimed.

NORTH REPORT OF THE REPORT O

NORWEGIAN factory trawler was reported to have caught a submarine while This is happen fishing in the Barents Sea last week. Sjoevik's crew had to cut the warps after the trawler started to be towed recruits to Grimsby.

equipped from the wide range of navigational and other in-struments from Decca Radar

# YARD TURNS

trades as fish selling and

catches down on last

This is happening even

From 17 landings last week DECCA will have a demonstration vehicle at the Southampton Boat Show from September 13/18 at the Mayflower Park, Southampton. The vehicle will be equipped from the wide range.

A spokesman for Sam Chapman & Sons Ltd., which struments from Decca Radar and Decca Navigator.

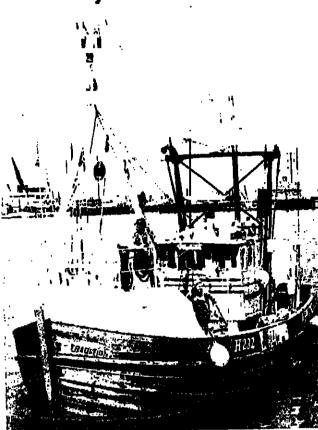
GRANTS paid in 1975 by the Shipwrecked Fishermen and Mariners' Royal Benevolent Society a mounted to

Society amounted to £120,946, of which £55,612 was distributed in Scotland.

This optimism was echoed by the Tom Sleight (F. S.)
Ltd. agency which also handles the inshore liners.

TO TRAWLERS

A CO. WEXFORD, Ireland, shippyard is plr aning to start building steel trawlers. Ross Co. which has specialized in Howards. Well-pring 100 kits last week from two landings of 62 and 71 kits.



building steel trawlers. Ross Co., which has specialised in commercial craft, is preparing a waterfront site for a shed to build trawlers in series.

However, Wellspring (90 last week.

Kits), Betty (67 kits) and the local Peggy III (61 kits) went close with one trip apiece, while the Lowestoft liner of the ton with two landings of white Sea trip.

# THE Hull-based trawler coming in with a 71-kit haul

# CO-OPS CUT COSTS Scots federation booming

MORE and more Scottish **Just add Wills-Ridley** 

specification and size.
ers eraft designed for rudder torques up to for covers eract designed for reducin factions of to fit (16,000 kg/m) in three types; band hydraulic, wer assisted hydraulic and power hydraulic. For boats from 6–60 metres, Wills-Ridley is the gear to specify, the steering requirements of your next boat-building job and we'll take it from there. Quickly,

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sizes. PVC & nylon hose — ell
diameters.

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MARINE

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fishermen are becoming aware of the economic ad-vantages gained from controlling their own in-terests from catching to This is clearly evident from the growing number of co-operative associations which are being set up in Scotland. The objects of individual co-operatives vary, but they can handle such diverse

Whatever interests they man of the Scottish Federation cover, they are controlled by of Fishermen's Co-operatives the fishermen — profits are Ltd.

benefit.

Some Scottish co-ops are well established, the Arbroath Fishermen's Association having celebrated its 50th anniversary last year.

Others are trawl skippers, seven lobster boat owners, seven salmon station owners and a fish farmer. Already, it is said that the society has achieved a feeling of unity amongst its members previously unskippers, seven lobster the Orkney Fishermen's Society, ended his three year tenure of office and new chairman is the well-known secretary and manager of Fishermen's Mutual Association have a seven salmon station owners, seven salmon station owners and a fish three year tenure of office and new chairman is the well-known secretary and manager of Fishermen's Mutual Association have a seven salmon station owners and a fish three year tenure of office and new chairman is the Orkney Fishermen's Society, ended his three year tenure of office and new chairman is the Orkney Fishermen's Society, ended his three year tenure of office and manager of the Orkney Fishermen's Society, ended his three year tenure of office and manager of the Orkney Fishermen's Society, ended his three year tenure of office and manager of the Orkney Fishermen's Society, ended his three year tenure of office and manager of the Orkney Fishermen's Society, ended his three year tenure of office and manager of the Orkney Fishermen's Society, ended his three year tenure of office and manager of the Orkney Fishermen's Society, ended his three year tenure of office and the orkney fishermen's Malloch, who is manager of the Orkney Fishermen's Society, ended his three year tenure of office and the orkney fishermen's Malloch, who is manager of the Orkney Fishermen's Society, ended his three year tenure of office and the orkney fishermen's Malloch, who is manager of the Orkney Fishermen's Society, ended his three year tenure of office and the orkney fishermen's Malloch, who is manager of the Orkney Fishermen's Malloch, who is manager of the Orkney Fishermen's Malloch, who is manager of the Orkney Fishermen's Malloch, w

Others, such as the Mull lishermen's Society, the Oban Fishermen's Co-tacular success stories is that operative Trading Society and Kintyre Fishermen have Association (Buckie), which was insuranted late in 1972 been set up in recent months.
Their members feel it is necessary to form co-ops in an effort to cope with ever-seffort to

chandlery stores in Buckie months. and Peterhead which supply Fishi

operatives has given rise to two new organisations: the Scottish Federation of Fishermen's Co-operatives Ltd. and Fishing Co-operatives Trading (Scotland) Ltd.

Various Items in the catcher is reduced cost.

Initially the group dealting sundry items, such as rubber glovos and plastic basket but can now supply practically all the catcher's reduced cost.

Initially the group dealting items, such as rubber glovos and plastic basket but can now supply practically all the catcher's reduced cost.

Recently the Federation held its third annual general meeting and dinner in Ar-broath. Chairman Mr. J. the Orkney Fishermen's extinguishers, and Society, ended his three year tenure of office and new chairman is the same of the s Fishermen's Mutual Association (Eyemouth), David are that better terms are

The overall aim of the federation is to protect and promote the interests of fishermen's co-operatives in

necessary to form co-ops in an eaded by Skipper George effort to cope with ever-increasing operating costs.

Initially these three new grown in importance and, on co-ops are dealing mainly in November 7, 1975, annual chandlery, gear and oil.

The Mull society has part for the first time.

The Mull society has part for the first time.

There are now about 20 running of co-ops are and initially consisting of two members, including one or Already 17 co-ops are

two of the larger boats in the members of the federation and the membership is likely.

The association has to rise further in the coming

and Peterhead which supply both members and non members, and recently an oil distribution service was set up in Peterhead.

The development of the congretives has given vice to congretive has given vice to construct the congretives has given vice to construct the conduction of the congretives has given vice to construct the conduction of the conduction

ropes, oil and protective clothing.

In addition, the group acts as agents for Beaufort Liferafts and S. and M. fire supplies its own brand of tea-coffee, bilge wash and detergents. The main advantages gali-

of the older teams.

Last week, however, this plus the shortness of their plus was broken when the trips.

Searcher (Skipper Borge Neighbor) and East Bank) this latest trip is the culminaare that better terms are achieved by the large negotiating power of a number of co-ops agreeing to put most, if not all, of their combined turnover of a negotical product to the specified product to the

The group sees its loss working to keep prices done and to keep fishermed and to keep fi

Chairman of the Fulls
Alan Caird manager aid
Arbroath Fisherman

THERE ARE now 15 pair pair teams where daily eartrawling teams operating nings of this size are more from Grimsby.

Many of the vessels which so often hit the headlines are the newer, purpose-built craft which have a much larger fish carrying capacity than some of the older teams.

Last week however this shortness of their recent cathes is the price per kit,

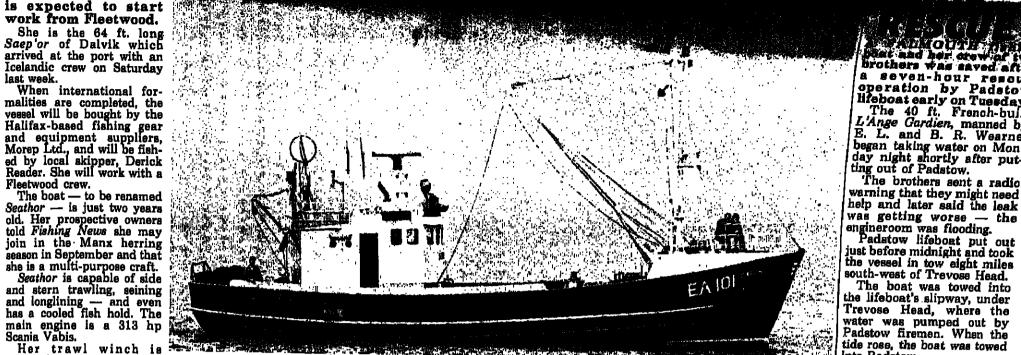
up a combined grossing of trips lasting no longer than 10 gross days each. "We know they do not have

They work through the "We know they do not have to and had been out on an eight-day North Sea trip delighted with the way they which turned out 718 kits for These excellent figures contain access of £1,000, and put among the elite of Grimsby's May."

They work through the days each.
"We know they do not have the capacity to take the port the capacity to take the port delighted with the way they are flahing."

The Tom Sleight (F.S.)
Ltd. agency already holds the Grimsby grossing record for pair teams of £29,896, set up by Shawnee and Mohdve in May.

# Doggers are A SCHEME costing more than 89m. for a massive new harbour complex at Guernesy, Channel has been abartoned. A specially-designed policies as a scheme control of the control o



mounted on the foredeck and Seathor off Fleetwood. She is she is equipped with a Rapp net drum and power block. There is a shelter deck for baiting hooks when lining.

The crew's cabin, below the foredeck, her bestles for saven.



All the way with MAJESTIC, the second of four steel seiner-trawlers, was built

by Bideford Shipyard (1973) Ltd, Devon, for Bogg Holdings of

a seven-hour resoue

operation by Padstow lifeboat early on Tuesday. The 40 ft. French-built L'Ange Gardien, manned by E. L. and B. R. Wearne, began taking water on Mon

began taking water on Mon-day night shortly after put-ting out of Padstow.

The brothers sent a radio

warning that they might need help and later said the leak

Trevose Head, where the water was pumped out by

Padstow firemen. When the

She is a multi-purpose fishing vessel similar in design to modern Scottish vessels with all-welded hull, raked soft stem and cruiser stern.

Her bridge electronic equipment includes Decca Navigator Mk 21 with 350T Track Plotter, Decca Pilot type 350 with Watch Alarm linked to a Tenfjord hydraulic ateering gear, Decca RM 914





wir. w. b. otevens tient, and wir. i. while a demonstrate to open to visitors.

Information at all the major bed. when Grimsby seiner visitors during the Lowestoft laboratory open days how the To manage fish stocks ports and, in the smaller skipper, Ejnar Sorensen, average size of pieice is gauged. MAFF amploys full-time staff in properly the MAFF ports, there are part-time all the major ports to carry out this work.

turn out of fishing industry men at the Lowestoft Fisheries Laboratory's open days held from June 29

were on hand to answer questions. In Lowestoft harbour, the research vessels clione and Corella were also open to visitors.

To do this the MAFF temperatures and tidal fluctuations by using floating fish laboratories moored to the sea proper to visitors.

England and Wales to collect laboratories moored to the sea proper to visitors.

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Cordelering Mar.S.A. 🕽

Jaime Ribó, S.A.

Over the four days an es-landed; fishing effort; fishing powers to gather these details, timated 2,000 visitors saw the gear and fishing position. The

jedustrial Celicalna, S.L.

it came as quite a surprise. The skipper took the buoy the research establishment at the future.

> other functions is to find the effects different types of fishing gear have on stocks and the sea bed. One method at the centre of a controversy

sometimes as many as 15 - FLEETWOOD'S biggest are attached to the beam ends, known as 'tickler chains' these get their name expressed concern at its because they are designed to tickle out flatfish which live slightly buried in the sea bed. by the port's fish dots.

The laboratory investigated this problem using divers to watch the action of the trawl and to bury measuring devices in the sea bed to see how deeply the tickler chains penetrate.

It was found that the of 6.2 years. chains dig down to lin. on sand and lin. on mud. It was vessels, our fishing capach also noted that much of the animal life on the bottom was left unbarred. However the left unharmed. However, the we have had to invest heavily beam trawl catches many to do it. We have bought to do it. than an otter trawl and more | cost of £14m. - another thm fragile creatures are badly are being built.

problem. Blue whiting is one answer, but this species is only available around our coasts for two or three months coasts for two or three months vestments, we have is



Many different species of fish are there, the most usefu being the grenadier, the black scubbard, the director fish and several varieties of dogfish. There are many deep grounds in this area where the catch per hour is equal to, or

timated 2,000 visitors saw the exhibition on fish stock management and, despite a lack of fishermen, the MAFF laboratory says it is well pleased with the results.

The open days were aimed at giving the industry and general public a better insight into the workings of a Ministry laboratory; this was done using illustrated display stands and staff members were on hand to answer laboratory and stands and staff members were on hand to answer laboratory and sexual stands and staff members were on hand to answer labeled at the same time, amount of time each vessel spends catching fish.

It is collection depends upon the co-operation and goodwill of members of the industry.

It is on this kind of information that management strategies are based. The policies are determined by the Government, usually working through the international commissions which make the rules on how warps means a cut from 18 to make the rules on how warps means a cut from 18 to out and haul their trast water grounds.

Hecause of the great depth however, only the biggest and most powerful trawlers can were the coach per hour is equal to, or members of the industry.

It is on this kind of information that management strategies are based. The government, usually working through the international commissions which make the rules on how warps means a cut from 18 to out and haul their trast water grounds.

The laboratory stands are grounds are recorded separate.

It is on this kind of information that management strategies are based. The policies are determined by working through the international commissions which make the rules on how warps means a cut from 18 to out and haul their trast water of the industry.

The open days were aimed at giving the industry and grounds.

Because of the great depth however, only the biggest and most powerful trawlers can ware determined b

threefold: they are nearer home ports, so saving steam ing time and fuel; they would bed. When Grimsby seiner provide a source of food whan our annual quotas of cod haddock, etc., have been taken; and, by diverting our fleet to these deep waters, the back to Grimsby where the unusual catch was handed over to grateful MAFF officials, who then returned it to and provide bigger catches in

is beam trawling: a very efficient way of catching soles.

Large numbers of chains—

modernisation.

Chairman Alan Marr 🕬 last week: "In 1970 we were operating 35 trawlers with average age of 101 years. To day, we are fishing 30 trawlers with an average of

"As they are more efficient

damaged. But this does have its good points. A lot of these animals, such as sea urchins, cannot be eaten by fish in their undamaged state, so breaking them up makes them available as food.

One of the problems now facing the industry is finding new grounds and stocks, and the laboratory has gone some way towards solving this

The Ministry's research vessel Circiana recently pioneered trawling to the west

of the fact that it is on that keeps the port going.

"The vessels we have that or Fleetwood are designs for Fleetwood are designs for home water fishing as well as having the ability to go to as having the ability its good distant-waters like Icaland

"THE present and the on Fisheries legislation; Mr. refreshments on Thursday

their subjects will include Mr. ference will finish at 12.30 T. W. Boyd jnr., president of p.m. on Friday, October 29, Hull Fishing Vessel Owners' with a summary by Capt. J. Association, on The trawling A. L. Cosh, vice-president, industry; and Capt. the Rt. Nautical Institute.

Hon. W. J. Long, JP, Arrangements have been Northern Ireland Fish made for participants to visit Producers' Organisation Ltd., the college's fishing simulator

DESATE

"THE present and the future for the fishing future for the fishing conservation of fish supplies and fishing quotas; Mr. K. Supplies and fishing fisher Charts; Mr. F. Supplies and fishing fisher over a state of the port supplies and fishing and afternoon and fridge over night accommodation and participants are asked to make their own fisherman; Capt. A. Simpson on Education and training in savailable from the City Inchange in national catch of herring taken in inchang

welcome to participants by shown.

Capt. A. Simpson, Dean of the Faculty.

Subsequent speakers and of each address and the constitute of the first subjects will include Mr.

Capt. A. Simpson, Dean of the faculty.

Capt. A. Simpson, Dean of the discussion periods at the end Branch".

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Capt. A. Simpson, Dean of the discussion periods at the end discussion periods at the end Branch".

Capt. A. Simpson, Dean of the the end discussion periods at th

Humberside branch of the Nautical Institute.

Open to all interested persons, it will be held at the dustry; Mr. J. J. Foster, Engineering Studies, Hull Department of Maritime and Department of Maritime and College of Higher Education, and Fisheries, Scotland, on George Street, Hull.

The talks will start at 9.15 Parker, secretary NI, on The Department of More and Open to the UK for the fishing information Service, Central Library, Albion Street, Hull, Morth Sea, English Channel and Fisheries, Scotland, on Thursday, October Nautical Institute and the Johnson, MP, following a use of sonar will also be welcome to participants by shown.

A comprehensive hotel list is available from the City Information Service, Central Library, Albion Street, Hull, Conference reservations should be made on forms should be made on forms and Irish Sea.

The talks will start at 9.15 Parker, secretary NI, on The Derrett, Hull Nautical Johnson, MP, following a use of sonar will also be welcome to participants by shown.

A comprehensive hotel list is available from the City Information Service, Central Library, Albion Street, Hull, Conference reservations should be made on forms should be made on forms and Irish Sea.

This was agreed at the annual meeting of the North East Atlantic Fisheries Commission, which closed in Portugal, last week.

By-catches are subject to an overall limitation of 5 per cent in weight of the steam trawiers operating from dustry laken in information and training in dustry there has declined and plaice caught in the limited to: 15 per cent of weight and Irish Sea.

This was agreed at the annual meeting of the North East Atlantic Fisheries Commission, which closed in Portugal, last week.

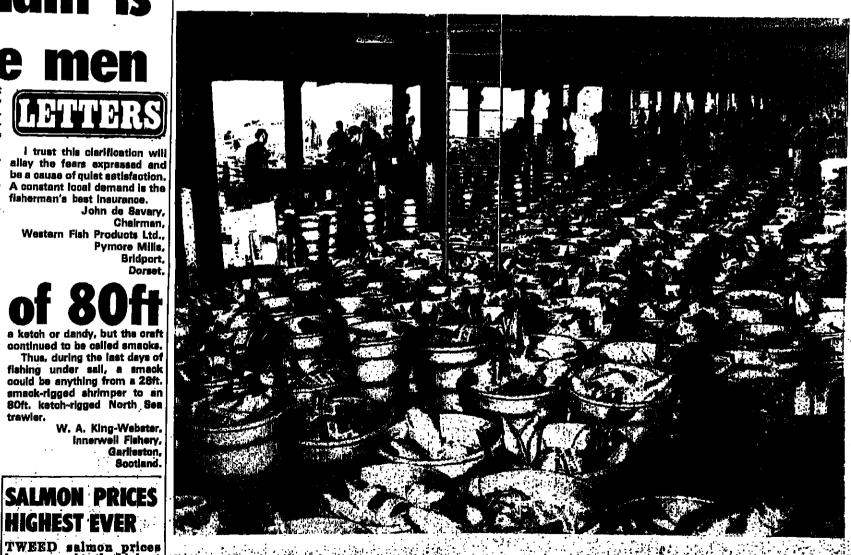
# HGRAPH

on The inshore fishing in- and/or the WFA's flume tank From every port the story is the same - "Fishgraph K" is dustry.

Mr. E. Hamley, secretary on the Friday afternoon.

Mr. E. Hamley, secretary general of the Fisheries conference is £25 which Organization Society, on its covers attendance at the Description of the Fisheries conference at the fishing industry. See it at your nearest Marconi Marine Progressive role in inshore talks, one or both of the visits, depot – or better still, ask the Skipper who has one.

Frogressive role in inshore talks, one or both of the visital depot - of better still, ask the corporatives and its lunch on the Thursday and co-operation and develop- Friday, an evening meal on ment; Mr. T. Plum, MAFF, Thursday and light - the most successful fishing echometer



# Fish plant is for line men

the erroneous views held by Mr. A. J. Pengelly, BEM, as expressed in his letter in your pressed in his letter in your June 18 Issue, on the subject of

our fish meal plant for Nawlyn. works, currently under construction, is for processing edible fish of high quality. It is appointed in the specifically intended to create a demand upon the expertise of

This plant is not remotely allay the fears expressed and related to inshore fishermen, be a cause of quiet estisfaction. but the completely separate A constant local demand is the unit at the Stable Hobba fisherman's best insurance. John de Savary,

Western Fish Products Ltd. Pymore Mills.

# 8IR, in his Log of June 18, a ketch or dandy, but the craft

John Burgess mentioned a continued to be called smacks. quary regarding the meaning of Thus, during the last days of

A smack was originally a could be anything from a 28ft. talling vessel with one mast, smack-rigged shrimper to an rigged fore and aft with a gaff 80ft, ketch-rigged North Sea mainsail and two or more

Her topsail, if carried, could be aquare or fore-and-aft. For precise purposes, the cutter <sup>rig</sup> was the same,

trawling and oyater dredg-

Inling, however, luggers were severally preferred.

By the middle of last construction and dredging shacks were found around their of the coast of Britain.

When larger vessels were single-masted rig became too heavy to handle, so a second mast, the missen, was added.

This made the rig technically

# Smack-rigged craft were used for carrying passengers cargo, but the rig was found to be particularly suited to traviling and cure and cure the same was the same with the same was the same with the same was the sam

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A single-boat light trawl is named after the 67ft.

# WHITE FISH PAIR TRAVL BOW GI

fishing to much of the time. Where herring fishing may become less and less, and so interest in the white fish pair trawl is new proving.

The Horis Net Co. Ltd. of Fleetwood has designed a nation white fish pair trawl and already, one is in use aboard the 78ft. Fraserburgh hant Uberous. Nets for monther seven vessels have been ordered.

Made of black treated braided nylon, the basic nets are being manufactured in Fleetwood for rigging in the firm's Scottish factory at Strichen, near Fraserburgh.

They are of two-seam design and are being made in two sizes: one with a fishing circle of 560 x 130 mm meshes and the other with any other white fish pair trawl of this type currently on the market, and the nets are designed to take higher awimmeshes on the wings, 120 mm meshes on the bottom.

Both nets have 135mm meshes on the wings, 120 mm meshes on the wings, 120 mm meshes on the wings, 120 mm meshes on the bottom.

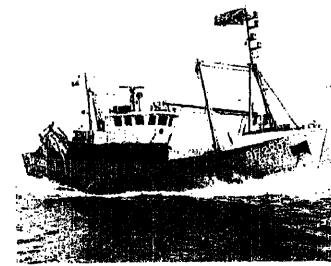
Both nets have 135mm meshes on the wings, 120 mm meshes on the wings, 120 mm meshes on the bottom.

Both nets have 135mm meshes on the wings, 120 mm meshes on the bottom one being meshes white fish pair trawls have a headline of 114ft. and groundrope of 140ft.

Three 75ft. steel-hulled botts in the Macduff fleet, meshed on either side by a 25ft. section of 12in. bobbins, flanked with a fishing circle of 600 x 135 mm the sister-ships Hesperus, meshe with a fishing circle of 600 x 135 mm the sister-ships Hesperus, meshe and the trawl warp.

The greater and the method of working of the net wings of t

Vesper, one of the three steel Macduff 75-footers which have





You shouldn't rush into specifying your engines.



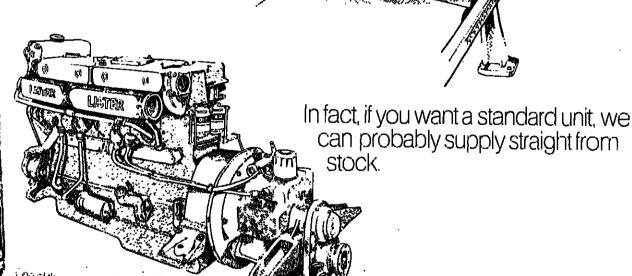
Then there are the other demands you're going to make. Like long-term economies from rugged reliability and faultless performance. Year after year after year.

And then, when the time comes, you'll want replacement parts immediately. Anywhere in the world. So you'll be looking for a world-wide service system that won't let you down.

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ene of the range of Easter Manne stigmes from Stational Automption

Optision auxiliary power or as part of a side: Mannie au dirary sa til

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Hawker Siddeley Group supplies mechanical electrical and aerospace equipment with world-wide sales and service.



trawl from Fraserburgh were skippers Joe Smallwood.
Buchan and Bill McKay. After working for nine weeks with the 65ft. Constellation and 54ft. Accord, both skippers told Fishing News that they are very pleased with the gear's performance.

In trawlers term towa and Smallwood.

Of the new method in general he commented: "In view of increasing difficulty for single boat trawlers, due to increasing costs and diminishing catches we feel loe explained that,

out one or two teething troubles, they are sure they are using a very efficient catching method.

"If there's fish there, then the gear will take them," he said. We haven't done well overy week, but looking at it over the whole summer, wo're well ahead of what we would have normally been. It's fairly pulled us up."

Joe and Bill first had an interesting glimpse of the new trawl when the Grimsby pair, Mohave and Shawnee, put

white fish pair bottom trawl-ing.

"Judging by the results so far, and comments from skippers currently fishing our pair trawls, this would seem to be a much more efficient and economic method."

As for the net in particular, Mr. Mathison described one of its most attractive features as being the material from which it is made. Although Grimshy boats on the whole seem to carry nets of braided nylon, north-east fishermen,

have been experimenting with the actual length from 10

depth of water being worked.
At first, Constellation and
Accord spent most of the time

60 miles off Fraserburgh, but fishing at Flugga where already other pairs are active,

including some from Peterhead and Shetland.
Another Fraserburgh team, Ocean Crest and Dayspring, started shortly after Constellation. These two boats are in the larger class, about 80ft., which gives them the advantage of more storage

facility.

The smaller boats find the Shetland-Fraserburgh run a bit of a problem, but weighing up the advantages they decided to stop away weekends at

Fishing News spoke to the Bob Mathison, Strichen manager for Boris Nets. He is viewing the progress of another of the factory's nets on board the Abardeen pair

diminishing catches, we feel there is a great potential for although they were sorting there is a great potential for out one or two teething white fish pair bottom trawl-

trawl when the Grimsby pair,

Mohave and Shawnee, put into Fraserburgh a few into Fraserburgh a few into had weather. When the skippers decided to have a go, too, Boris Nets was only too glad to co-operate.

Wital statistics of the net into carry nets of braided in sharp net in carry nets of braided in which carry nets of braided in which

# Boris Nets was only too glad to co-operate. Vital statistics of the net are: 600 x 115mm. mesh at the mouth with 6in. wings and square. Hoadline is 113ft. and the footrope is made up of 80ft. x 16in. spherical plastic bobbins with 2 x 30ft. Swedish-style rubber legs, to give a total 140ft. The rigging of the gear differs according to the requirements of individual boats, but Constellation and Accord are using three spreaders each side, attached to a butterfly bobbin. Skippers Buchan and McKay have been experimenting with the actual length from 10 to 20 fathoms. From spreaders to warp, they have 40 fathoms of 21in. single wire sweep, connected to the warp by a G-hook. At the time of shooting, a of the Boris Net Co. is

one-cwt. chain weight is attached by G-hook to the linking point. Finally the warps used are a length of approximately seven times the depth of water being used. tish boats.

There is a terrific demand for the Eidelweiss and Maranatha light trawls Bob Mathison, and currently 25 are in use. More are on order.

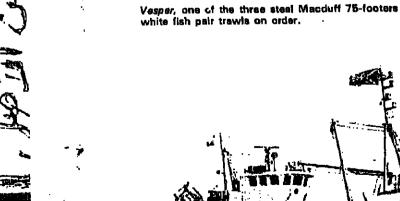
They are polythene, highopening, four-seam nets which can be fished on the edge of hard ground; the first was made in 1975 for the Fraserburgh boat Eidelweiss.
A larger model was later designed for the 67ft.

Maranatha of Buckle.

The Eidelweiss net has a fishing circle of 540 x 6in, meshes and the Maranatha has one of 630 x 6in. meshes. Both nets have wing meshes of 8in and a groundrope com-posed of 190ft. of Swedish-

style rubber legs. Based on a Scandinavian idea, the groundrope rig is designed to take the strain





# AF appoints COMPANY BEST BY herring boss BOSTON BLENHEIM' ASSOCIATED Planted equitive; E. S. Robson, comannounced the appoint mercial director; C. S. Bm.

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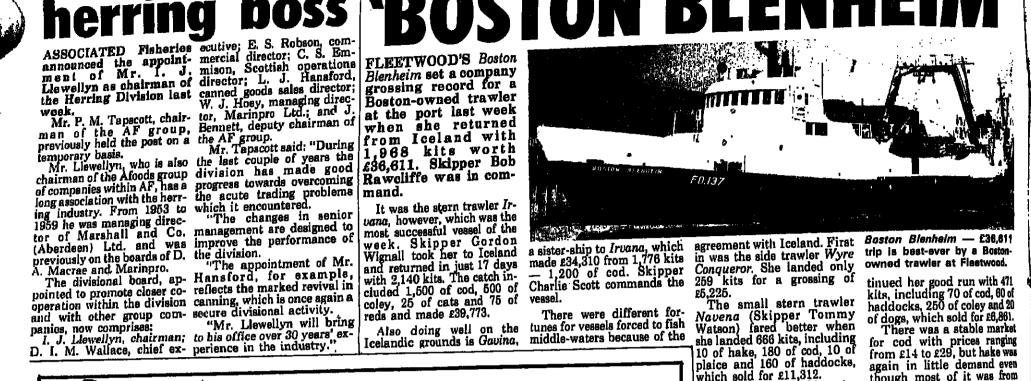
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Trawlermen's Handbook (revised and enlarged) £6.20

The Stern Trawler

Textbook of Fish Culture

Stocks of Whales



Watson) fared better when she landed 666 kits, including 10 of hake, 180 of cod, 10 of plaice and 160 of haddocks, which sold for £11,312.

Navena's sister-ship, Armana, also worked the middle-water grounds before

and 20 of dogs. The catch sold

Not far behind was the 117ft. stern trawler Resound, commanded by Skipper Food, in April this year 2,356 Charlie Pook, which made £5,935 from 376 kits.

Agriculture, Fisheries and Food, in April this year 2,356 tonnes was landed worth £727,137. This compares with

again in little demand even though most of it was from the North Channel which is mana, also worked the middle-water grounds before returning with 567 kits — 180 of cod, 170 of haddocks, 140 of coley and 20 of lemons — for a grossing of £10,448.

It was a slightly disappointing week for the port's near water trawlers which have done so much to point the way for the future. The 109ft.

Revalist. commanded by renowned for its quality. Prices sagged to the minimum, with the result that fishing for the variety is once again unprofitable. In fact, cod fishing in Morecambe Bay proved a more successful bet for most small vessels.

THERE was a big fall in both landings and value renowned for its quality.

Royalist, commanded by Skipper Ken Beavers, landed 309 kits, including 35 of hake, 100 of cod, 100 of haddocks with the same month of 1975.

spacer crao had a body width of eight in. and legs 15 in. long! In years gone by "spiders", as they are called, were food for the poorer classes: they sold at 6d. for two dozen. According to figures issued by the Ministry of Agriculture, Fisheries and £5,935 from 376 kits.

The highly-consistent side trawler David Wilson con-

Light

From page nine off the fishing line of the net. The groundrope itself consists of large and small rubber dis-cs threaded onto wire. At intervals the groundrope is joined to short pieces of chain which are threaded onto a combination wire rope called the traveller.

The traveller is seized at intervals onto the fishing line and the arrangement allows the rubber groundrope to find its own best position when the net is being towed.

ICELANDIC Government amends gear stowage and amends gear stowage and

from the Lochinver Fish Salling Co. which has shares in quite a number of the vessels. The fish are becoming more plentiful on the grounds where the properties of interest are no reports of interest are not report of the continuous parts of the continuous

The fish are becoming more plentiful on the grounds where trawls can be worked more successfully than seine nets, and a number of former seiners have switched to the gear.

One of these is the 77ft. wooden boat Horizon, owned by Skipper John W. C. Thomson of Lossiemouth, who has won the local trophy for the top vessel at the port for ten years in succession. Harizon is using the Maranatha net.

stories which appeared i our columns this week bl years ago.

There is a big demand for these nets at the west coast port of Lochinver, where many east coast boats are based.

There is a big demand for further offences, sold from 400-1,600 gold from 400-1,600 will be kroner (£22-£88) will be imposed.

DANISH gunboat fires of the coast fire

DANISH gunboat fires 0



name is Maia squinado and it is found all along the south and west coasts of England It is one of the largest British crabs: the record spider crab had a body width

I have always believed that large numbers of spider crabs on the fishing grounds have

French call it "arrangee"), which is a great delicacy on the Continent. Its scientific

large numbers of spider crabs on the fishing grounds have an effect on the catches of shotsers and edible crabs.

No sooner are they in the pot than they are constantly on the move, scrambling from on March 15 and makes it an offence to land, sell, expose or six years old when it reaches the present legal size. The main function of a legal size limit is to prevent the exploitation of the stocks of juvenile lobsters, which are the future recruits to the fishery.

Specify Powerlift

New shellfish rules

A new Order, "The Immature Crabs and Lobster of Agriculture, Fisheries and by the Ministry of Agriculture, Fisheries and by the Ministry of Agriculture, Fisheries and by the division of sales at least five or six years old when it reaches the present legal size. The main function of a legal size limit is to prevent the exploitation of the stocks of juvenile lobsters, which are the future recruits to the fishery.

Specify Powerlift

An explanatory note issued by the Ministry of Agriculture, Fisheries and by the division in spite of the fact that the total value fell to the total value fell to the total value fell to the total value for the period 1962-74.

Barmouth, in Cardigan Bay, is the top lobster port in England and Wales (the report does not cover Scotland), followed by Selsey, Incomplete the period 1962-74.

Chipping

An explanatory note issued by the Ministry of Agriculture, Fisheries and by the data lobster and in spite of the fact that total value fell to the tota

practice because a lobster's was put down to a cut in size varies depending upon fishing effort and productivity.

making sure that the distance between the prongs of the gauge is exactly 80mm.—the new size for lobsters.

The main point to remember is that lobsters are now measured along the The value of the catch was breeding failure will have an adverse effect on catches.

The quantity landed in adverse effect on catches.

The annual variations in this area are thought to be due to natural factors, rather Kings Lynn. Norfolk,

one side of the pot to the other offer for sale, or be in posses-like a fidgety child in a sion for the purpose of sale, railway carriage! This any crabs of the species shellfish is included in the annual leaflet, Fishing crabs from entering the pot.

Some years I get hundreds of spider crabs in my pots, but in other years they seem to disappear altogether from across the broadest part of nur area. We catch them from the back; lobsters — 80mm.

May right through to (3,2in.) measured from the

based on a total length measurement and, although this was fairly effective, difficulties arose because of the lack of a standardised method for measuring the lobster's length.

I know that this is true in practice because a lobster's was nut down to a cut in

portant, the total length of a concern to improve in the constraint district to improve in the constraint district to the above of the stresses that, in general to the constraint district to the constraint dist

Fishery officers have been shrimp issued with gauges verified by Landir the Weights and Measures cluding Section of the Department of Trade. We have made our own gauge from aluminium making sure that the distance The value of the catch was single year class. Any horizon the proper of the catch was single year class. Any

carapace and not along the Kings Lynn, Norfolk, than to increased pol total length. If you are in doubt, do ask your local fishery officer and he will advise you on the care in the care and he will advise you on the care and he will advise be and the care and he will advise be and the care and he will advise be and not along the Kings Lynn, Norfolk, than to increased pol that the care and hot along the Kings Lynn, Norfolk, than to increased pol that the care and he will advise be and not along the Kings Lynn, Norfolk, than to increased pol that the care and he will advise be and the care and he will advise be and the care and he will advise be and the care and he will advise be a care and he will advise be a

September.

Anyhow, it's good news that a market has been found for them and that they are fetching a good price.

New shellfish rules

(3.2in.) measured from the rear of either eye socket to the rear of either eye socket to the and scallops.

The report is well worth reading and can be obtained for the body shell.

Why has the method of Burnham-on-Crouch.

An explanatory note issued Labeter

There has been a legal size limit for lobsters since 1877 based on a total length based on a total len

Fisheries, this mahod is about the solutely accurate because the measurement is made from a fixed point (the eye socket) along the hard bodyshell of the lobster using a metal gauge.

The carapace length is now set at 80mm.: this is roughly the same as the previous minimum size of Sin. total series and solutions. The carapace length is now set at 80mm.: this is roughly the same as the previous minimum size of Sin. total series and solutions. The report mentions are header that we can only catch a lobster once, and more and more and more traps are being set as increase. It's a exceeds the supply.

The report mentions studies which show that

studies which show that Landings of shrimps, inicluding the pink shrimp ulations change a great deal, (Pandalus montagui) and the brown shrimp (Crangon in Morecambe Bay suggest that the fishery is based on a single year class. Any brown shrimps are short-

# price being paid for them is bringing an unexpected bonus to local fishermen. I rang up the Marine Laboratory at Plymouth to ask about this crab (the French call it "arrangee"), which is a great delicacy of the price being paid for them is bringing an unexpected bonus to local fishermen. Crabs coming aboard the well boat Natall on a pick-up at Dart-lines of £100 are liable for the first offence, rising to £200 for subsequent offences! Turn to page 12 ...and what have you

	g	Ot	to	10	se
Rapi	d				
dep	rec	Sia	tio	n	

Timber rot

**Deck leaks** 

## **Maintenance** (all the things that make you wonder sometimes if the game's worthwhile)

the back uppermost or if the hairs on the lobster's tail are included. What is more image along the Welsh coast are not designs are from the boards of leading architects such as G. L. Walson & Company. The integrity of Tyler mouldings is, ctory service even in the most arduous con-

The Tyler range from 18-75ft. Includes hulls suitable for every type of inshore and middle water fishing.



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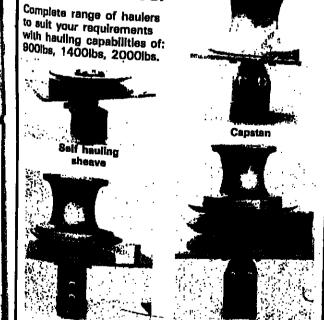
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years ago

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JULY 17, 1926

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20 Historie Estate, South Stack Rd. Holyhead,
Anglessy, Wales, Telephone: Holyhead 4415.

BRITISH United Trawlers' fleet of 18 side trawlers which have been

allocated fishing days to work the Icelandic grounds under the recent

Oslo agreement are all being fitted with high accuracy navigation aids.

After several months of vessels should be completed and repeated.

trials, Decca's DL91 Loran C during the next two to three

The automatic DL91

# Catches and Prices

# TOP LANDINGS LAST WEEK

Collett), 2245 kits, I, 22 days. (Sk. 237,598; Ross Ramillies, BUT (Sk. D. Scott), 1953 kits, I, 22 days. £35,659: Carlisle, Consol. (Sk. K. Heron), 1743 kits, I, 21 days. £33,440: Halifax Town, Consol. (Sk. F. Kirby), 1659 kits, I, 19 days. £31,121: Boston Phantom, Boston (Sk. T. Smith), 1566 kits, I, 21 days. £25,226: Volesus, Boston (Sk. A. Hollington), 1747 kits, I, 22 days. £15,950: Crystal Palace, Consol. (Sk. W. Hardie), 722 kits, WS, 22

21,526: Osako, Taylor (Sk. P. Newby), 1240 kits, F/W, 15 days. £18,281: Erimo, Taylor (Sk. G. Smith), 884 kits, F/W, 16 days. £18,007: Boston Halifax, Boston (Sk. R. Harris), 967 kits, F/W, 17

days. £17,878: Yesso, Taylor (Sk. P. Brown), 1174 kits, F, 15 days. £16,653: Ross Jaguar, BUT (Sk. J. Gordon), 767 kits, F/W, 17 days.

£8,336: Lochearn, Sleight (Sk. B. Emerson), 326 kits, NS, 9 days. £7,011: Karen, Richardson (Sk. E. Sveinsson), 298 kits NS, 13 days. g6,467: Olbek, Richardson (Sk. C. Thomsen), 290 kits, NS, 14 days. g6,443: Sanrene, Sleight (Sk. W. Sanderson), 317 kits, NS, 13 days. g6,277: Halton, Sleight (Sk. K. Mathiesen), 227 kits, NS, 15 days. Mathiesen), 227 kits, NS, 15 days. g5,503: Gladnes, Allard (Sk. J. Olesen), 280 kits, NS, 12 days. g5,526: Christen Bank, Allard (Sk. J. Olesen), 280 kits, NS, 12 days. g5,226: Christen Bank, Allard (Sk. J. Olesen), 280 kits, NS, 12 days. g6,861: David Wilson, Hazael, (Sk. g5,710: Fisher Rose, Irvin (Sk. T. Mathiesen), 281 kits, NS, 12 days. g9,556: Wyre Revenge, Wyre, (Sk. g5,226: Christen Bank, Allard (Sk. J. Olesen), 280 kits, NS, 12 days. g6,861: David Wilson, Hazael, (Sk. g3,710: Fisher Rose, Irvin (Sk. T. Jamieson), 35,849 kl, NS, 16d. g6,445: Christine Nielsen, Irvin (Sk. T. Jamieson), 35,849 kl, NS, 16d. g6,445: Christine Nielsen, Irvin (Sk. J. Bailey), 14,355 kl, NS, 4d. g8,504: Burton Pidsea, Newington (Sk. R. McBain), 13,160 kl, NS, 4d. g9,556: Wyre Revenge, Wyre, (Sk. g4,228: Ocean Triumph, A.F. (Sk. I. McBain), 11,951 kl, NS, 3d. g6,861: David Wilson, Hazael, (Sk. g3,710: Fisher Rose, Irvin (Sk. T. Jamieson), 35,849 kl, NS, 16d. g6,445: Christine Nielsen, Irvin (Sk. C. Ellis), 15,928 kl, NS. g6,445: Christine Nielsen, Irvin (Sk. J. Bailey), 14,355 kl, NS, 4d. g7,504: Burton Pidsea, Newington (Sk. R. McBain), 13,160 kl, NS, 4d. g9,556: Wyre Revenge, Wyre, (Sk. g3,710: Fisher Rose, Irvin (Sk. T. Jamieson), 35,849 kl, NS, 16d. g6,445: Christine Nielsen, Irvin (Sk. T. Jamieson), 35,849 kl, NS, 16d. g6,445: Christine Nielsen, Irvin (Sk. J. g6,445: Christine Nielsen, Irvin (Sk. J. g6,861: NS, 16d ays. g6,861: NS, 16d ays. g7,102: Lindisfarne, Irvin (Sk. J. g8,102: Lindisfarne, Irvin (Sk. J. g8,102:

4.5

EW

3.

kits, both John R., NS, 12 days. state, 12 days.

D. Cox), 299 kits, both Sleight, NS, £2,377: Forrards, Ward 103 kits,

days.

£2,303: Taarnborg, Sleight (Sk. T. £2,084: Craigmillar, Ward 103 kits, Scorer), 108 kits and £1,694: 15 days.

Kathleen, Richardson (Sk. R. £1,290: Girl Doris, Hewett 48 kits, 13 Morse), 76 kits, both NS, 8 days.

HULL

R. £42,341: Benella, Marr (Sk. R. Beamish), 1949 kits, I, 20 days.

3. £41,481: Ross Leonis, BUT (Sk. G. E. B. Boyce), 2131 kits, I, 21 days.

E. £41,361: Arctic Vandal, Boyd (Sk. £. W. Lewis) 2193 kits, I, 21 days.

E. £35,542: St. Gerontius, Hamling £8 (Sk. J. R. Nelson), 1825 kits, I, 23 F. days. £53,418: Vivaria, BUT (Sk. R. Kurz), 2534 kits, I, 22 days. £42,198: Ross Kelly, BUT (Sk. B. £35,482: Ross Altair, BUT (Sk. K

Nelson) 1753 kits, I, 21 days. Nelson) 1753 kits, 1, 21 days. £30,316: Somerset Maugham, Newington (Sk. E. Wooldridge), 1463, kits, WS, 21 days. £29,608: Ross Resolution, BUT (Sk. J. Tripp) 1549 kits, I, 20 days.

£5,971: Sonderborg, Boston (Sk. M. Jensen), 295k, 14d. £5,722: Lindenborg, Boston (Sk. H. Winkel), 306k, 13d. 25,020: Arnborg, Boston (Sk. G. Jonassen), 234k, 11d. £4,380: Rosenborg, Boston (Sk. V. Dam), 205k, 13d. £3,757: Vikingborg, Boston (Sk. N. Jensen), 175k, 12d.

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# HUMBER VESSELS DUE

GRIMSBY Expected during the week from I Icaland: Barnsley, Boston Kestrel, Lord Jellicoe, Northern Gift, Northern Reward, Ross Renown, Spurs. From White Sea: Ross Kipling. From Faroes and Westerly: Erimo, Notts Forest, Mohave, Okino, Ross Caugar,

GRIMSBY | large skinned dogfish, £6; per | mock halibut, £18/£20; large plaice, £3.80; stone. | HULL | mock halibut, £18/£20; large plaice, £2.80/£3.20; 2.474 kits from two distant water £1.20/£1.35; rockfish, vessels Prices ranges per 10 stone £1.10/£1.60; large haddock, kit, heads on: shelf bod, plaice, £26/£30; small, £24/£27; large £2.70/£2.80; medium, £26.40/£28.25; shelf baddock, £25/£30; small, £24/£27; large £2.70/£2.80; medium, £20.25/£28.50; ooley, £11.50/£18; dogfish, £20; NEWLYN (Cornwall) £3.30; best small, £2.50/£3.20; £11.50/£13; plaice, £22/£224, No £30/£42; Dover sole, £105; daba, monkfish, £5, 90; turbot, £26, 90; turbot,

T. Martin), 372 kits, NS 12 days. 27,495: Boston Shackleton, Boston (Sk. A. Jenner), 312 kits, NS 12

days. £7,452: Suffolk Challenger, Hobson (Sk. D. Smith), 327 kits, NS 12

FLEETWOOD, Iceland

\$239,773: Irvana, Marr (Sk. A. Wood), 870c., NS, 11d.

Wright), 2140 kits, I, 17 days.

\$236,111: Boston Blenheim. Boston (Sk. R. Rawcliff), 1968 kits, I, 21

days.

\$215,879: Arctic Riever, Liston (Sk. A. Wood), 870c., NS, 11d.

\$29,869: Arctic Crusader, Liston (Sk. T. Poston (Sk. R. Rawcliff), 1968 kits, I, 21

NORTH SUFERS

£11,807: Ben Chourn, Irvin (Sk. T. Jamieson), 35,849 kl, NS, 15d. £6,445: Christine Nielsen, Irvin (Sk. C. Ellis), 15,928 kl, NS.

£2,869: Picton Sealion, Norrard, (Sk. J. Lee), 350 kits, both Sleight, NS, 8 days.

17,329: Clee, (Sk. M. Cox), 324 kits, 25,935: Resound, Ward 376 kits, 13 £2,351: Westerdale, Norrard, (Sk. J. Donovan), 74 kits, 12 days.

18,649; Martin Norman, (Sk. days.

19,040 kits, both Sleight, Norman, (Sk. days.)

NORTH SHIELDS

MILFORD HAVEN

codling, £15.50; small, £13; plaico, £14; large haddock, £15; medium, £14.50; small, £9; large lomon solo, £22.50; small, £9; large lomon solo, £22.50; small, £20; monkfish, £14; large whiting, £12; small, £7; dogfish, £8, per 7st. kit; crob, £4, per 4st. kit; lobsta, £1,50, per 1b; snrimps, £2.30, per E6/28.86; Dover sole, £1//£19.10; medium lemon sole, £5.50; small dabs, 60p; small whiting, 50p; roker, £3.40/£3.60; pollock, £1.25; squid, £3.50/£3.85; slip soles, £9.90/£10.50, per 7st. kit. EYEMOUTH Prices: large cod, £16; medium

# BILLINGSGATE

### BILLINGSCATE

### BILLINGS

July 16, 1976

July 16, 1976

**GEAR** 

sive range of products at com-

petitive prices, backed by

## HERRING REPORT

THURSDAY, JULY 8 Lerwick: Three pursers, 68

Lerwick: Three pursers, 68 tonnes; homemarket, nine tonnes at £10/£12, klondyking, 59 tonnes at £10/£12. Slightly mixed in size, 260/290 per 50kg. Stornoway: Two drifters, nine tonnes; homemarket, nine tonnes at £9/£12. Full and filling fish, slightly mixed in size, 300/310 per 50kg. Mallaig: Three trawlers, 20 tonnes; homemarket, 12 tonnes at £14/£16.80, pet food, two tonnes at £4, klondyking six tonnes at £16.80. Full and filling, uniform to mixed in size, 210/330 per 50kg. Ayr. Six trawlers, eight tonnes at £16.80/£33.40. Full and filling fish, hand selected, 220/350 per 50kg. Tarbert: Two trawlers, two tonnes;

(Sk. T. Salter), 105 kits, 13 days.

22,495 Picton Sea Eagle, Norrard,
(Sk. J. Donovan), 130 kits, 13 days.

23,351: Westerdale, Norrard, (Sk. F. Reynolds), 74 kits, 12 days.

31,751: Jadestar Gypsy, Jones (Sk. J. Brodie), 71 kits, 13 days.

32,351: Westerdale, Norrard, (Sk. F. Reynolds), 74 kits, 12 days.

32,351: Westerdale, Norrard, (Sk. F. Reynolds), 74 kits, 12 days.

32,351: Jadestar Gypsy, Jones (Sk. J. Donovar), 130 kits, 13 days.

33,700 kits, 13 days.

34,751: Jadestar Gypsy, Jones (Sk. J. Brodie), 71 kits, 13 days.

35,751: Jadestar Gypsy, Jones (Sk. J. Donovar), 130 kits, 13 days.

35,751: Jadestar Gypsy, Jones (Sk. Skipper; days at sea; kits; o owt.; ki kits.

35,751: Jadestar Gypsy, Jones (Sk. Skipper; days at sea; kits; o owt.; ki kits.

36,700 kits, 13 days.

37,700 kits, 13 days.

31,701: Jadestar Gypsy, Jones (Sk. Skipper; days at sea; kits; o owt.; ki kits.

37,751: Jadestar Gypsy, Jones (Sk. Skipper; days at sea; kits; o owt.; ki kits.

38,700 kits, 13 days.

39,701 kits, 13 days.

41,751: Jadestar Gypsy, Jones (Sk. Skipper; days at sea; kits; o owt.; ki kits.

41,751: Jadestar Gypsy, Jones (Sk. Skipper; days.)

42,751: Jadestar Gypsy, Jones (Jones at £10.90/210.80. Full and filling fish, hand selected, 174/282 per 50kg.

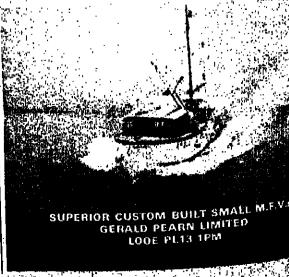
42,752: Janes Jones (Jones at £11/285, 20, 12, 10. Uniform to slightly mixed in size, 256/270.

42,701: Jane FRIDAY, JULY 9

pursers, 63 tonnes, sight trav-lers, 81 tonnes; homemarket, 117 tonnes at £10/£12, pet food in size, 260/330 per 50kg.

MONDAY, JULY 12 MONDAY, JULY 12
Lerwick: Four pursers, 58 tonnes; homemarket, 32 tonnes at £10/£13, klondyking, 26 tonnes at £10/£13, klondyking, 26 tonnes at £10/£12.60. Uniform to slighly mixed in sizo, 250/280 per 50kg. Starnous; Two trawlers, eight tonnes, two drifters, four tonnes; homemarket, 12 tonnes at £9/£12.30. Fairly mixed in size, 280/3150 per 50kg. Mallaig: Three trawlers, 13 tonnes; homemarket, seven tonnes at £20.20/£23.40. t seven tonnes at £20,20/£23.40.
I klondyking six tonnes at £20/£23.40. Uniform in size, full and filling fish, £36/£52 per 60kg.

Ayr: Four trawlers, nine tonnes; homewarket size tonnes. Ayr: Four trawlers, nine tonnes; homemarket, nine tonnes at £13.20/£34, hand selected, 210/350 per 50kg. Tarbert: Six trawlers, 10 tonnes; homemarket, 10 tonnes at £9/£28.60. Hand selected, 170/280 per 50kg. Frascrburgh: Two pursers, 88 tonnes, two trawlers, 21 tonnes; homemarket, 109 tonnes at £10.50/£12.20. Uniform to slightly mixed in size, 268/292 per 50kg.



A NEW FACE in Scotland shortly will be Alan Nute (31), newly appointed manager of Bridport-Gundry (Scotland) Ltd. which is associated with Jackson Trawle Padstow 34-footer



sound service and experience. sound service and experience. I'm really looking forward to meeting Scottish fishermen to meeting Scottish fishermen to superiences and to get to grips with their problems."

Alan is married and will live in Peterbeed

Seen under construction at Body of Seen under construction at Seen under

B.U.T. Engineers (Grimsby) Ltd

completed, unless further Yesterday (Thursday) the orders for small boats are tour moved to Bridlington completed, unless further

# trials, Decca's DL91 Loran C (long range navigation) receivers are being fitted aboard the following trawlers being operated by the BUT subsidiary, Hellyer Brothers: Kingston Beryl, Kingston Kingston Amber, Ross Altair, Ross Leonis, Ross Resolution, Ross Trafalgar, Ross Canaveral, Ross Otranto, Ross Sirius, Falstaff, Loch Eriboll and Portia. The installation work on all 13 during the next two to three works to those two to three weeks. These ships are already offer many outstanding features, including high accuracy, small size, light weight, low power requirements and simple installation. Comprehensive check and signal status facilities are becaused. The automatic DL91 Loran C receiver is claimed to offer many outstanding features, including high accuracy, small size, light weight, low power requirements and simple installation. Comprehensive check and signal status facilities are because out, and these tracks recorded so that they carried out by the replace. Visitors on port tour

SOME 44 visitors from 25 countries toured port facilities at Hull, Bridlington and Scarborough this week.

The visitors are representatives of Ministry departments, research in-stitutes, fishing corporations, universities and colleges who are attending a conference in ondon organised by the Propical Products Institute. This is a government body which helps developing countries to derive greater benefit from their plant and animal

Their visit to Humberside was organised by the White Fish Authority Industrial Development Unit.
Starting in Hull, the visitors looked at the fish

meal plant; Afos fish curing

wheelhouse. She is for completes on average two trawler and to the WFA's boats a year. There are plans to training centre and flume start work on a speculative 34-footer, when the present one is MAFF's Humber Lab.

and Scarborough.

bing area and ports like Cromer is short: it begins in Kingswear, Plymouth and April and usually ends in Salcombe accounted for near-September. Lobsters are

The country's top crab port are casting their shells.

was Kingswear, where 25 At these ports, the crab and lobster catch is normally sold from the Start Point area—live to individual

Crabs
Crabs have now become the country's most important shellfish. In 1974, total landings of 3,458 tons (value £900,000) were taken by English fishermen.

Devon was the main crabbing area and ports like.

As well as getting high catches, local men have been carning about 15p for each crab. This is a good price when you realise that it takes 20-22 of these small crabs to make a stone (14lb.).

The crabbing season at crabbing area and ports like.

ly half of this country's crab caught on these grounds in July and August, when crabs

nearly seven times the quantity landed at Bridlington, the next most important crab port.

Cromer crabs

1 ve to individual fishmongers, each fisherman having his own markets. Some fishermen have stalls or shops where some of their catch is sold direct to the public as dressed crab.

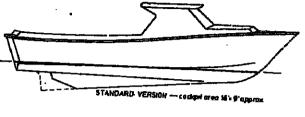
Cromer crabs

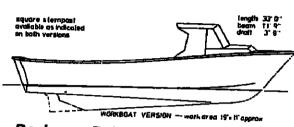
J. I. was interested to see that These Norfolk crabs are Cromer, in Norfolk, was the full of meat and have a good third most important crab reputation for quality. About port, in England and Wales 300 tons of crabs are landed during 1974. Also that at Sheringham and Cromer Sheringham, a few miles each year by the fleet of small along the coast, was the (16-20ft long) clinker-built fourth major crab port:

Tapend my holidays at in the area and the boats have Cromer and I have already to be launched off the beach written about this most in and hauled ashore by means terasting fishery in this of tractors or winches. Hardy column before.

The crab sesson in Norfolk TEARPER.

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July 16, 1976

Continued from page 14

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FRIPH MB "Nimrod" KY75. Built of wood Stranby, Denmark 1970. Registered length fifth, breadth lifth, draft 8ft., tonnage 24.53, engine Gardner 8L3H 23Ohp, Mastra bydraulic combined seine and trawl winch. Tripod mast, gallows fitted side and stern trawling, aluminium whale back, Hydema pedestal power black. Equipment owned Sallor R/T. Simrad sounder and VHF. On hire Decca ratlar KH MS-14 sounder with bottom back. Mess deck and living accommodation aft. Offers David Gerrard, 4 Mid Shore, Pittenweem, Fife. Telophone: Pittenweem 551 or 552.

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The vessel is meantime fishing but can be seen by arrangement with Mr.
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LK.184. Built France 1953, length overall 56ft., beam 17.7ft., depth 6.1ft., tonnage 24.97, 230hp Poyaud ongine. Equipment on rental includes Kelvin Hughes 14. VHF., Sailor R/T., Decca 21 and radar. Vessol rigged for trawling Enquiries to L.H.D. Ltd., 5 Alexandro Buildings, Lerwick, telephone: 3768.

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FRENCH crabber, 1950, 60ft., oak on oak, 120 Baudouin recondition engine, new Deutz engine and winch, hydraulic steering, wet hold (4-5 tons cap.), Decca 101 radar, Koden sounder, coastal R/T all ships property. Refitted 1973 at cost of £10,000 and 1975 at cost of £5,000, recently dry dockod and comprehensive survey available. £12,500 would consider

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MOTOR vessel "Tirrick". Lving at the harbour Scrabster, Nr. Thurso, Calthness, surveyed 1976, ex. BOT Shatland ferry boat, built Shetland, los 38ft., beam 12ft.6in, depth 5ft., wheelhouse and charthouse forward, Parsons Beagle Ford 56hp four cylinder diesel engine, Seascan radar, Sallor R/T., Ferrograph echo sounder, Logometer, repeater compass, magnetic compass, all as new and in working order and boat's property, six to eight berths, water sea toilet, lifebelts and jackets, inventory available. Ofters around £6,000. Holland, 66 Duncan Street, Thurso, Telephone: Thurso 4419.

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Huilt Noble, Fraserburgh 1980. Overall length 46ft., beam 16ft., draft 7ft., registered length 42ft., tonnage 22. 4L3 Gardner engine 3:1 reduction, Brixham two ton winch, Carron power block, Kelvin Hughes 36 mile radar, MS39 sounder, Foreland VHF., coastal radio all ship's property. Mk. 21 Decca Navigator on hire. The vessel has recently had an extensive rofit and survey and is in a very sound and seawarthy condition, in full commission. Vessel rigged for stern trawling, easily handled by two crew. Sale includes a good prawn trawl and a new Ailsa 10 fothom trawl, warps, bridles and 5ft. motal V doors.

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2011). Built Dickie, Tarbert 1967,
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reduction gear, Fifer trawl and sea net
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Length 64 ft., breadth 17.6 ft., depth 7
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hp recently overhauled, six ton trawl
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21 and picter. Shirp property: Sea
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Seavoics VHF. Viking R/T., one aix
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GUARANTEED MARINE DIESEL UNITS FORD - BMC - CUMMINS

For fast, courteous, service contact: V.M.I. Plain Road, Folkestone, Kent Telephone: 57127 - Telex: 965281

## VESSELS WANTED

WANTED: TRAWLERS 65ft.-120ft.,

recently built, must be N.Z. survey equivalents. We require good vessels.

Send details including photos to:
D. J. W. Munro Shipbrokers,
P.O. Box 11-010, Wellington, New Zealand

Hearboxes, spares and accessories from your north west service centre. Alersey Marine, 294s Old Chester Road, Birkenhead, Merseyside, telephone: USI 0453969 3896.

WINCH ex French MFV, approx.
6ft. x 3ft. overall, base 6ft. x 1ft. 9fn.,
two ton large wire drums, £200 ono.
Telephone: Brightlingses 2404
(Essex).

POLYPROPYLENE ROPE 120 fms (approx) Coils 5mm diam @ . . . £ 2.85

FOR SALE approx 2,000 seven stone plastic fish boxes, new or as new. Enquiries: Scrabster Harbour Trust, Caithness, telephone: Thurso 3894.

BORG WARNER velvet drive

6mm diam @ . . . £ 3.75 7mm diam @ . . . £ 5.18

10mm diam @ . . . £ 9.70 12mm diam @ . . . £13.65

Carriage paid UK maintand on-ly. If for Ireland or offshore islands add 20p per coil. Prices include 8% VAT. 'Cash with order to:

LONGFORD ROPES, P.O. BOX 18, GLOUCESTER

HYDRO Slave pot hauler 2150. Slack & Parr pot hauler 2150. Telephone: Swanses 28971.

70 five gallon drums Internations Anti-fouling, offers Box No. 252. ELAC fishlupe 2360, Seasce radar 0450, Telephone: Wadebrids 2942,

GREY International anti-fouling, ive gallon drums, 225 each. Telephone: Brookland 412 5 p.m. 7.30 p.m.

SMALL MESH NETTING knutless nots beinw tin, mesh eef fyke nets: 19180. Drawn nots and flah farming gear to order. TRINITY SANDS NETS LIMITED Mons Mill, James Street,

York Telephones 21199

ENGINES FOR SALE

POT SPINNERS JOHN Factory overhauled August 1975, complete with the street of the stre

VIKING MARINE INTERNATIONAL

HIGH-QUALITY MARINISATION PARTS ALSO AVAILABLE

WANTED heavily built workboat
40-60ft. to carry 12 passengers and
small quantity cargo, twin screw an
advantage also steel hull, must be
basically sound in hull and
machinery, good price available for
right vessel. Send fullest particulars
and photograph Box No. 262.

WANTED Scottish MFV built
1950/55. 55ft/60ft. overall length,
older vessel might suit if in excellent
condition, Gardner engine preferred,
no lishing equipment required.
Private buyer requires vessel tor own
use. All replies treated in confidence.
Write D. Seage, 300 Hursley Road,
Chandlers Ford, Eastleigh, Hants or
telephone Chandlers Ford 66128
evenings or weekends.

SUTHERLAND winch, wide belt drive shaft gearbox bearings, com-plete, seen working Exeter, buyer collects. Telephone: Kennford 832747.

WANTED FOR SPOT CASH AT SCHAP VALUE. FISHING BOATS. STEEL TRAWLERS. COASTERS. LANDING CRAFT, PONTOONS. STEEL BARGES, TANKERS, WRECKS N AND OUT OF WATER SHI ENGINES. MACHINERY, BOILERS. TANKS, ETC. ANYWHERE IN THE BRITISH ISLES. R. BLAIR. SALVAGE CONTRACTOR, 61 ARNFIELD ROAD, WITHINGTON, MANCHESTER 20. TEL: 081-448, 2860 ANYTIME.

HANS-ROBERT JOEL, Master Mariner. Toftevangen 8, 5461 Korup, Denmark.

WANTED coble about 30ft., up to £1,780 cash. Stainthorp, 72 Etheldens Avenue, Muswell Hill, London N.10. Teisphons: 01 444-0900 evenings. SURT. APPRUA. carvel huited MFV wanted, as going order, lying east coast. Details to "Sants Monica". Coast Road, Blackhall Rocks, Cleveland.

WANTED new or nearly new fishing vessel about 37ft/48ft with forward wheelhouse, cash payment, answer with description to Vilnia Ulups, Bruksgatan 7A, 27200 Simrishamn, Sweden.

TRAWLER, wood or steel, 56ft to 64ft. over 200hp, not older than 15 years, working condition.
TRAWLER, steel, 30ft to 98ft, 500 to 700hp, not older than any years, working condition.

WOOD OR STEEL 75ft./80ft.

Bullt later than 1970. Combination vessel preferred.

For buyer in New Zeeland.

Full details and price including photograph to:

TALLEY'S FISHERIES LTD.

P.O. Box 5 Motueks, New Zeeland. Telex: NZ 31318.

### ENGINES WANTED

WANTED Cardner, Kelvin, other engines, marine or land. Immediate cash payments, Tait, 54 High Street, Fraserburgh, tel: 2280.

WANTED GARDNER/KELVIN & ALL BRITISH MAKES OF MARINE DIESEL ENGINES

Required with or without stern gear, Interested in offere of all other makes and types. Top cash prices paid immediate collection and

R. E. Trem & Co. Ltd.
Bawtrey Road, Finningley,
Near Doncaster, Yorkshire
Tel: Dolcaster, 770203

payment.

WANTED Gardner engines, LW. L3 all models, surplus spares and gearboxes, for cash. G. H. Howard, Brallings Lane, Chalfont St. Peter, Bucks, Telephone: 02407 2564.

WANTED marine engines, par-ticularly Listers and Petters 10-40hp, air or water cooled, cash paid, we collect. Severn City Boats, Blackpole Wharf, Worcester, telephone: 0908 54474.

KBLVIN KR6 in good working orders Swell MFV Grey Kestrel, Moodys Marina, Swanwick, Hanta, Telephone: Locksheath 4281.

respuche: Locksdeaun 4201

WANTED Baudouin DK4 sigine, good running order, immediate cash payment: Apply D. Stock. 76 Mount Gould Road. Plymouth, Talephone: Plymouth 4208.

BOAT BUILDERS ELTON BOATBUILDING

CO. CLINKER BOAT BUILDERS 18ft. to 30ft. Larch on Oak

Clinker Dinghies, 141-16 (8th 128 ettledykes, Kirkdudbright, Scotland: Tel, 0667-30177.



Classified Advertisement Order Form

Ch./P:O Cash enclosed . Address All classifications 9p per word. Minimum charge £1.50. Six or more insertions at 8p per Signature . .... word. Box number: 50p extra. Photographs Block letters please £2.50 extra. 1.0

LUDGATE HOUSE, 110 FLEET STREET LONDON, EC4A 2JL Registered No. 521290 England

POTTER 36t. z 11t. z 3f. 65.
GRP., forward wheelbouse, just 1973, 146hp G.M. diesel, 3: Bet Warner velvét drive, Snailsvoë hydroline hydraulic winch; Deed hydroline hydraulic winch; VIF. 050, Ferrograph 500, Seavoice VIF. To ur man liferaft, Jahre deckwash/bilge pump, One hire beca Mk21. Rasy to work two man bet ideal lenglining; trammeling, 114,55.
Telephone: Guarnay 64415.

Built of wood by Richard Irvin & Sona Ltd., Peterhead in 1946.
Overall length 66.3ft., Breedth 17.8ft., Registered length 66ft. Depth
9.2ft., Tonnage 48.86. Gardner 8L3 engine 1.56hp installed 1952.
9.2ft., Tonnage 48.86. Gardner 8L3 engine 1.56hp installed 1952.
Petters one cylinder auxillary engine. Lossiemouth trawl wiret blire: Marconi radio telephone: Kelvin Hughes VIII. Kelvin Hughes hire: Marconi radio telephone: Kelvin Hughes 17 radar. Decos market MS44 echometer: Kelvin Hughes type 17 radar. Decos market Navigator. Vessel is equipped for white field traw and continued in Fraserhugh harbour by arrangement with

RICHARD IRVIN & SONS LTD., 3102 Shore Street, Fraserburgh, Telephonet, 3102 with whom offers should be looged

